

CP

19

*Dust elimination in making Dies shapes. E. A. Kogan  
(Kuznetsk Met. Works, Kuznetsk). Ogranichivayushchiye  
(1960) --- Wet grinding is recommended. B. Z. K.*

KOGAN, Ye. A.

204523  
Engineering - Refractories, Equipment

"On The Selection of Kilns for Firing Grog," Ye. A. Kogan, Engr., Kuznetsk Metallurgical Combine, P. O. Vasilevskiy, Engr., Bogdanovich Plant

"Ogneupory" No 3, pp 103-107 and 108-110

Two separate articles, one by each author, dealing with adaptability of various kilns for firing clay to obtain hard-burned grog, are final stage of discussion initiated in "Ogneupory" No 9, 1951. Rotary kilns are recognized as most productive, permitting mechanization and automatic control of production. But improvements in construction of

204523  
UDR/Engineering - Refractories, Equipment (Contd)

short kilns, widely used in refractory plants, also possibility for using this type of kiln also. Circular and periodic kilns are completely unsuitable for grog firing.

KOGON, Ye.A., inzh.

Manufacture and service of chrome-magnesite bricks. Ogneupory  
19 no.2:60-70 '54. (MIRA 11:8)

1. Kuznetskiy metallurgicheskiy kombinat.  
(Firebrick--Testing).

Kogan, Ye. A.

BARDIN, I.P.; BORISOV, A.F.; BULAN, R.V.; YERMOLAYEV, G.I.; VAYSHERG, L.B.;  
ZHEREBIN, B.N.; BORODULIN, A.I.; SHAROV, G.V.; DOMNITSKIY, I.P.; CHUSOV, F.P.;  
SOROKO, L.N.; KLIMASENKO, L.S.; PAVLOVSKIY, S.I.; ZIL'BERSHTEYN, M.B.;  
LYULENKO, I.S.; NIKULINSKIY, I.D.; BRAGINSKIY, I.A.; SALOV, Ye.M.;  
TROSHIN, N.P.; PETRIKEYEV, V.I.; ARGUNOV, M.I.; DUL'NEV, F.S.; BIDULYA, L.N.;  
GAYMANOV, S.A.; FROLOV, N.P.; VINICHENKO, V.S.; KOGAN, Ye.A.

G.E.Kazarnovskii; obituary. Stal' 15 no.8:757 Ag'55. (MLRA 8:11)  
(Kazarnovskii, Grigorii Efimovich, 1887-1955)

"APPROVED FOR RELEASE: 09/18/2001

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2209

87421  
S/153/60/003/004/013/040/XX  
B020/B054

5.4210 (1273, 1320, 1043)

AUTHORS: Yarym-Agayev, N. L., Kogan, Ye. A.

TITLE: Method of Calculating the Pressure of Saturated Vapor  
From Its Composition for Two-component SystemsPERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i  
khimicheskaya tekhnologiya, 1960, Vol. 3, No. 4,  
pp. 625 - 629

TEXT: The authors described earlier (Ref.1) a simple method of determining the composition of saturated vapor of a binary system, for which only small amounts of substance were required, whose accuracy, however, was not inferior to that of other methods. The data obtained by this method can be used to calculate the pressure of saturated vapor; a corresponding procedure is described in the present paper. The method suggested is based on the modified Gibbs-Duhem equation. The authors derive the equation

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log P = log P<sub>1</sub><sup>0</sup> - log y<sub>1</sub> - (1/2.303) { x<sub>2</sub>/y<sub>2</sub> }<sup>1/2</sup>

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Method of Calculating the Pressure of  
Saturated Vapor From Its Composition  
for Two-component Systems

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B020/B054

the molar fraction of the second component in the liquid phase,  $y_1$ , the molar fraction of the first, and  $y_2$  the molar fraction of the second component in the vapor phase,  $P$  is the total pressure of the saturated vapor, and  $P_{az}$  the pressure of the saturated vapor of the first component at the given temperature. The pressure of the saturated vapor of only the one pure component at the given temperature, and the dependence of the composition of the saturated vapor on the composition of the liquid phase must be known for the calculation from equation(4). To plot the entire isotherm for vapor pressure, as well as for the vapor pressure over mixtures with a larger fraction of the second component, the authors derive the equation

$$\log P = \log P_{az} + \log y_1 - \log y_2 - (1/2.303) \left\{ \frac{y_2}{y_2 - y_2(az)} \left[ \frac{x_2}{(y_1 y_2) dy_2} \right] \right\} \quad (5)$$

where  $y_2(az)$  is the composition, and  $P_{az}$  the pressure of the azeotropic

Card 2/4

Method of Calculating the Pressure of  
Saturated Vapor From Its Composition  
for Two-component Systems

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mixture. To check the method described, they calculated the pressure of saturated vapor in two binary systems:  $H_2O$  - HCl and  $(C_2H_5)_2O$  -  $C_2H_5OH$ , which differ considerably from the ideal ones. The compositions of the liquid and gaseous phase at  $25^{\circ}C$  found in Ref.1 were used for the calculation. The curve  $z = f(y_2)$  (Fig.) was plotted on the basis of data on the composition of equilibrium phases and the values for the function  $z$  under the integral for the system  $H_2O$  - HCl at  $25^{\circ}C$  (Table 1).

The pressure of saturated vapor was calculated on the basis of the calculated area (S) between the curve, the coordinate axes, and the variable ordinate  $y_1$  from equation (4). Table 2 gives the values of the integrals (areas) S and the values calculated for the total vapor pressure P. The published experimental values of vapor pressure for the binary system studied are given for comparison. The composition of equilibrium phases, and the pressure of saturated vapor of the system ethyl ether - ethyl alcohol at  $0^{\circ}C$  on the basis of similar calculations are given in Table 3. There are 1 figure, 3 tables, and 10 references:

X

Card 3/4

87421

Method of Calculating the Pressure of  
Saturated Vapor From Its Composition  
for Two-component Systems

8/153/60/003/004/013/040/XX  
B020/B054

9 Soviet and 1 Swiss.

ASSOCIATION: Donetskiy politekhnicheskiy institut, kafedra fizicheskoy  
khimii, kafedra obshchey khimii (Donets Polytechnic  
Institute, Department of Physical Chemistry, Department  
of General Chemistry)

SUBMITTED: October 28, 1958

Card 4/4

YARYM-AGAYEV, N.L.; RUDIN, V.Ya.; TITOVA, V.A.; KOGAN, Ye.A. (Stalino)

Orthobaric heats of mixing of pyridine and water vapors. Zhur.-  
fiz.khim. 35 no.10:2285-2290 0 '61. (MIRA 14:11)

1. Donetskij politekhnicheskiy institut.  
(Pyridine) (Water vapor) (Heat of mixing)

YARIM-AGAYEV, N.L.; KOGAN, Ye.A.; SOLDATOVA, Ye.D. (Donetsk)

Calculation of the saturated vapor pressure in binary systems  
in which the chemical interaction between components occurs  
in the vapor phase. Zhur. fiz. khim. 36 no.6:1173-1179 Je'62  
(MIRA 17:7)

1. Donetskij politekhnicheskiy institut i Institut gornogo  
dela AN UkrSSR.

YEVDCKIMOV, D.Ya.; KOGAN, Ye.A.

Solubility of germanium dioxide in water at various temperatures. Ukr. khim. zhur. 29 no.10:1020-1022 '63.  
(MIRA 17:1)

1. Odesskiy elektrotekhnicheskiy institut svyazi.

YARIM-AGAEV, N.L.; KOGAN, Ye.A.; RUDIN, V.Ya.; TITOVA, V.A.

Orthobaric heats of mixing of pyridine and acetic acid vapors. Zhur. fiz. khim. 37 no.7:1445-1449 Jl '63. (MIRA 17:2)

1. Donetskij politekhnicheskiy institut.

KOGAN, Ye.A.; YARYM-AGAYEV, N.L.; MAYBORODA, N.F.

Calculation of saturated vapor pressure in binary systems in the case  
of chemical interaction between components in the vapor phase. Part 2.  
Zhur.fiz.khim. 37 no.7:1539-1544 J1 '63. (MIRA 17:2)

1. Donetskij politekhnicheskiy institut.

VALEYEV, A.I.; KOGAN, Ye.A.; STANKEVICH, Ye.S.

Effect of stelazine on the mental state and the course of cholinergic processes in the organism of schizophrenias. Nauch. trudy Kaz. gos. med. inst. 14:381-382 '64. (MIRA 18:9)

1. Kafedra psichiatrii (zav. -- prof. M.P.Andreyev) i tsentral'naya nauchno-issledovatel'skaya laboratoriya (zav. - S.V.Senkevich) Kazanskogo meditsinskogo instituta.

YEVDOKIMOV, D. Ya.; KOGAN, Ye. A.

Solubility of germanium dioxide in aqueous solutions of oxalic acid. Zhur. neorg. khim. 9 no.11:2634-2638 N '64 (MIRA 18:1)

VERIZHENKO, Yevgeniy Petrovich; LIVSHITS, Yakov Davidovich;  
KOGAN, Ye. G., prepodavatel', retsenzent; BOCHAROVA,  
Yu. F., red.

[Statics of structures] Statika sooruzhenii. 4. izd. Moskva,  
Vysshiaia shkola, 1965. 323 p. (MIRA 19:1)

1. Moskovskiy arkhitekturno-stroitel'nyy tekhnikum (for  
Kogan).

KUDAN, Ye. L. insh. (Tambov).

Using AGM cranes for loading rails. Put' i put. khos. no. 2:19 <sup>F</sup>  
'58. (MIR 11:3)  
(Railroads--Rails) (Cranes, derricks, etc.)

KOGAN, Ye. L.

KOGAN, Ye. L.

From the experience of servicing cable installations of  
metropolitan telephone exchanges. Vest. sviasi 18 no.1:21-22  
Ja '58.

(MIRA 11:1)

1. Nachal'nik otdela lineynykh secrusheniy Upravleniya Leningradskoy  
gorodskoy telefonnoy seti.

(Telephone cables)

MATSKOVICH, Vladimir Vladimirovich; SIMONYAN, M.N., otv. za vypusk;  
BALAYEV, A.A., red.; KOGAN, Ye.L., red.; SAVCHENKO, Ye.V.,  
tekhn.red.

[Lenin's "cooperative plan" and the struggle of the Communist  
Party for the rapid development of agriculture] Leninskii  
kooperativnyi plan i bor'ba kommunistskoi partii za krutoi  
pod'em sel'skogo khozyaystva; lektsiia iz tsikla "Leninskikh  
chtenii," prochitannaiia v Kremlevskom teatre g. Moskvy. Moskva,  
Izd-vo "Znanie," 1960. 32 p. (Vsesoyuznoe obshchestvo po  
rasprostraneniyu politicheskikh i nauchnykh znanii, Ser.12,  
Bibliotekha sel'skogo lektora, no.11). (MIRA 13:8)

1. Ministr sel'skogo khozyaystva SSSR (for Matskevich). 2. Referent  
Pravleniya Vsesoyuznogo obshchestva po rasprostraneniyu  
politicheskikh i nauchnykh znanii (for Simonyan).  
(Cooperation) (Agriculture)

KORNIYENKO, Viktor Trofimovich; DAVYDOV, V.S., red.; KOGAN,  
I.e.L., red.; ATROSHCHENKO, L.Ye., tekhn. red.

[Price and national consumption] TSena i narodnoe potreb-  
lenie. Moskva, Izd-vo "Znanie," 1963. 31 p. (Novoe v zhiz-  
ni, nauke, tekhnike. III Seria: Ekonomika, no.18)

(MIRA 16:12)

(Consumption (Economics)) (Prices)

FEDOROVICH, Mikhail Mikhaylovich, doktor ekon. nauk; KOREN'KOV, A.M.,  
red.; KOGAN, Ye.L., red.; RAKITIN, I.T., tekhn. red.

[Cybernetics in economics; the economic efficiency of applying cybernetics in the national economy] Kibernetika v ekonomike; ob ekonomicheskoi effektivnosti primeneniia kibernetiki v narodnom khoziaistve. Moskva, Izd-vo "Znanie," 1963. 43 p. (Novoe v zhizni, nauke, tekhnike. III Seriia; Ekonomika, no.24)

(MIRA 17:1)

(Automation)

KOMAROV, Fedor Vasil'yevich; RUMYANTSEV, S.N., red.; KOGAN, Ye.L.,  
red.; NAZAROVA, A.S., tekhn. red.

[Machines help to administrate] Mashiny pomogajut uprav-  
liat'. Moskva, Izd-vo "Znanie," 1963. 37 p. (Novoe v  
zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.23)  
(MIRA 17:1)

BERKOV, Yevgeniy Aleksandrovich; BZHILYANSKIY, Yu.A., red.; KOGAN,  
Ye.L., red.; KUDRYAVTSEVA, O.V., tekhn. red.

[Planning capital construction] Planirovaniye kapital'nogo  
stroitel'stva. Moskva, Izd-vo "Znanie," 1963. 32 p.  
(MIRA 17:1)

(Construction industry) (Capital investments)

ISHUTIN, Mikhail Ivanovich, kand. ekon. nauk; KOGAN, Ye.L.,  
red.; NAZAROVA, A.S., tekhn. red.

[National income of the U.S.S.R.] Natsional'nyi dokhod  
SSSR. Moskva, Izd-vo "Znanie," 1964. 46 p. (Novoe v  
zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.1)  
(MIRA 17:2)

DVORKIN, Il'ya Naumovich, doktor ekon. nauk; KOGAN, Ye.L., red.

[Will technology save them? A criticism of "technological" theories in bourgeois economics] Spaset li ikh tekhnika? Kritika "Tekhnologicheskikh" teoriy v burzhuaznoi politicheskoi ekonomii. Moskva, Izd-vo "Znanie," 1964. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.13) (MIRA 17:7)

GAMBORSKIY, Georgiy Ivanovich; FOMICHEV, Viktor Ivanovich;  
KOGAN, Ye.L., red.

[Use of synthetic materials in industry] Sinteticheskie  
materialy - v promyshlennost'. Moskva, Izd-vo "Znanie,"  
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriya:  
Ekonomika, no.15) (MIRA 17:8)

SAPOV, Gennadiy Vasil'yevich, kand. ekon. nauk; KOGAN, Ye.L., red.

[Chemistry and public welfare] Khimiia i narodnoe blago-sostoianie. Moskva, Znanie, 1964. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.18)

(MIRA 17:9)

MIKUL'SKIY, Konstantin Ivanovich, kand. ekon. nauk; KUGAN, Ye.i.,  
red.

[In the council of equals; on the structural shifts in the  
economy of the European socialist countries participating  
in the Mutual Economic Assistance Council] V sotsialisticheskikh  
ravnykh; o strukturnykh izvighakh v ekonomike evropeiskikh  
sotsialisticheskikh stran - chlenov Soveta Ekonomicheskoi  
Vzaimopomoshchi. Moskva, Izd-vo "Ekonomika," 1964. 39 p.  
(Nauka v zhizni, nauke, tekhnike. III Serija: Ekonomika,  
no.20) (MIRA 17:10)

AKHMEYEV, Guriy Nikolayevich, kand. ekon.nauk; KOGAN, Ye.L., red.

[Labor cooperation] Kooperatsiia truda. Moskva, Znanie, 1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seria: Ekonomika, no.21) (MIRA 17:11)

VASIL'YEV, Gennadiy Anatol'yevich; KOGAN, Ye.L., red.

[Effectiveness of automation] Effektivnost' avtomatizatsii. Moskva, Znanie, 1964. 38 p. (Novoe v znanii, nauke, tekhnike. III Seriya: Ekonomika, no.19) (MIRA 17:11)

CHUKHNO, Anatoliy Andreyevich, , doktor ekon. nauk, prof.;  
KOGAN, Ye.L., red.

[Labor incentives] Stimuly k trudu. Moskva, Znanie,  
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriya:  
Ekonomika, no.22) (MIRA 18:1)

SOKOLINA, Yelena Dmitriyevna; KOGAN, Ye.L., red.

[From a multiple-line production plant to a specialized  
one] Ot universal'nogo zavoda - k spetsializirovannomu.  
Moskva, Izd-vo "Znanie," 1965. 31 p. (Novoe v zhizni,  
nauke, tekhnike. III Seriya: Ekonomika, no.4)  
(MIRA 18:3)

UKHOV, Nikolay Nikolayevich; SHIBANOV, Anatoliy Andreyevich;  
KOGAN, Ye.L., red.

[Reliable and durable] Nadezhno, dolgovechno. Moskva,  
Izd-vo "Znanie," 1965. 30 p. (Novoe v zhizni, nauke,  
tekhnike. III Seriia: Ekonomika, no.10).  
(MIRA 18:5)

POPOV, Aleksandr Ivanovich; KOGAN, Ye.L., red.

[Automation and labor] Avtomatizatsiia i trud. Moskva,  
Znanie, 1965. 31 p. (Novoe v zhizni, nauke, tekhnike.  
III Seria: Ekonomika, no.15) (MIRA 18:7)

BOR, Mikheil Zakharovich KOGAN, Ye.L., red.

[Myths and reality] Mify i deistvitel'nost'. Moskva,  
Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike.  
III Seria: Ekonomika, no.14) (MIRA 18:8)

IL'IN, Sergey Sergcyevich; KOGAN, Ye.L., red.

[How chemistry benefits production; the role of chemicalization in creating the material and technical foundation of communism] Khimiia - proizvodstvu; rol' khimizatsii v sozdani material'no-tehnicheskoi bazy kommunizma. Moskva, Znanie, 1965. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.12) (MIRA 18:7)

KOSTIN, Leonid Alekseyevich; KOGAN, Ye.L., red.

[Material encouragement of technological progress] Ma-  
terial'noe stimulirovanie tekhnicheskogo progressa. Mo-  
skva, Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.21) (MIRA 18:10)

KOGAN, Ye. O.

"Investigation in the Field of Modernization of Frame Filter Press Installations." Sub 11 Oct 51, Moscow Inst of Chemical Machine Building

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

*KOGAN, Ye.O.*

GOLOVIN, P.V.; KOGAN, Ye.O.

Increasing the productivity of plate and frame presses. Sakh.prom.  
28 no.5:12-14 '54. (MLRA 7:9)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.  
(Sugar machinery)

KOGAN, Ye. S.

42740. POLYAK, B. L., VOLKOV, V. V., i KOGAN, Ye. S. O Deystvii Novogo Sovetskogo  
Preparata Furamona Na Zdorovyy I Glaukomatoznyy Glaz. Oftalmol. Zhurnal, 1948, No 3,  
s. 126-32.

SO: 'Letopis' Zhurnal'nykh Statey, Vol. 7, 1949



KOGAN, Yu., inzh.

For everyday life. Nauka i zhizn' 28 no.10:72-73 o '61.  
(MIRA 15:1)  
(Electrification)

1. KOGAN, Yu.
2. USSR (600)
4. Siberia - Lumbering
7. Truck-trailer for transporting lumber in Siberia. Les. prom. 12 no. 12, 1952.
  
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723620006-5

KOGAN, Yu.A., kandidat tekhnicheskikh nauk; RESHETOV, A.V., inzhener.

Hauling of tree-length logs with ZIS-21 double-axle truck trailers. Mekh.  
trud.rab. 7 no.720-22 Jl '53. (MLRA 6:7)

(Lumber--Transportation)

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723620006-5"

*KOGAN Yu. A.*

VOZHESKISKIY, Nikolay Petrovich, prof., doktor tekhn.nauk; ZAYCHIK, Gertsel' Il'ich, prof., doktor tekhn.nauk; KOGAN, Yu.A., kand.tekhn.nauk, dots., rotsenent; BABUSHKIN, I.N., red.; PITERMAN, Ye.L., red. izd-va; GORYUNOVA, L.K., red.izd-va; SHITS, V.P., tekhn.red.

[Logging tractors and trucks] Lesovoznye traktory i avtomobili. Moskva, Goslesbunizdat. Pt.1. [Heavy machinery] Tiagovye mashiny. 1958. 439 p. (Tractors) (Motortrucks) (MIRA 11:6)

AUTHOR:

Kogan, Yu.A., Candidate of Technical Sciences SOV/113-58-4-3/21

TITLE:

The Resistance of Overhead-Valve Gas-Distributing Mechanisms to Vibration (Ustoychivost' verkhneklapannykh gazoraspredelitel'nykh mekhanizmov protiv vibratsii)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 4, pp 8-11 (USSR)

ABSTRACT: The increase of specific power output and fuel economy leads to a continuous increase in the number of revolutions and the application of a gas-distributing mechanism in automobile engines. In most overhead-valve engines the camshafts are situated underneath. Here the parts are subject to vibrations which disturb the gas distribution and lead to breakage. NAMI has designed a test installation (Figure 1) for determining the parameters of the gas-distributing mechanism, which guarantees its minimum vibration. The device is described. Mathematical calculations of the valve operations are presented and oscillograms of valve speeds (Figure 3) and speeds obtained at valve vibrations (Figure 7) are discussed. These results are graphically applied to the performance of the NAMI-021 engine (Figure 5). Experimental results from the tested mechanism are given in Figure 6.

Card 1/2

SOV/113-58-4-3/21

The Resistance of Overhead-Valve Gas-Distributing Mechanisms to Vibration

The author concludes that the correct selection of the parameters for the design of parts will assist in considerably increasing the resistance of the gas-distributing mechanism to vibrations. This should be taken into consideration when new models of booster engines are projected. There are 2 diagrams and 5 graphs.

ASSOCIATION: NAMI

1. Internal combustion engines--Design
2. Internal combustion engines--Vibration
3. Internal combustion engines--Performance
4. Valves--Operation
5. Gas--Performance

Card 2/2

KOGAN, Yu.A., kand.tekhn.nauk

Determining profiles of cams with a smooth change of acceleration.  
Avt.prom. no.12:7-9 D '60. (MIRA 13:12)

1. Gosudarstvennyy sovusnyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy avtomotornyy institut.  
(Cams)

ADAMOVICH, A.V.; KOGAN, Yu.A.

Testing overhead-valve gas-distributing mechanisms of high-speed engines. Avt.prom. 27 no.12:8-10 D '61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Gas and oil engines--Testing)

KOGAN, Yu.A., dotsent, kand.tekhn.nauk

Determining structural parameters of the gas-distribution mechanism  
of high-speed piston engines. Vest.mash. 41 no.4:32-35 Ap '61.  
(Gas and oil engines)

(MIRA 14:3)

SHLYAMIN, A.I., kand.tekhn.nauk; DUBOVA, T.N., kand.tekhn.nauk;  
Prinimali uchastiye: MADATOV, N.M., inzh.; TREPOV, P.V., inzh.;  
KUSHNAREV, D.M., kand.tekhn.nauk; KOGAN, Yu.A., inzh.

Semiautomatic underwater welding. Svar. proizv. no.7:25-28  
Jl '61. (MIRA 14:6)  
(Underwater welding and cutting)

KOGAN, Yu.A., kand.tekhn.nauk.

Determining the torsional oscillations and parameters of oscillation  
dampers for new engines. Avt. prom. 27 no. 5:15-17 My '61.

(MIRA 14:5)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Automobiles—Engines)

DUBOVA, T.N., kand.tekhn.nauk; KOGAN, Yu.A., inzh.; IVANOV, N.I., inzh.

New design of hoses for semiautomatic welding machines.  
Svar. proissv. no.9:32 8' 62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo  
oborudovaniya (for Dubova, Kogan). 2. Leningradskiy  
staleprokatnyy zavod (for Ivanov).

(Electric welding—Equipment and supplies)

KOGAN, Yu.A., kand.tekhn.nauk

Investigating the movement of the ZIL-111 engine valves. Avt.prom.  
28 no.8:10-11 Ag 142. (MIRA 16:3)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Motortrucks—Engines—Valves)

KOGAN - Yu. I.

SOV/137-58-8-18033

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 261 (USSR)

AUTHORS: Kuznetsov, V. D., Loskutov, A. I., Kogan, Yu. I.

TITLE: Effect of Lubrication on the Process of Scratching of Metals  
(Vliyanie smazok na protsess tsarapaniya metallov)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Fizika, 1957, Nr 1, pp 32-35

ABSTRACT: The hardness of Cd, Al, Zn, and brass was measured by the method of scratching by a cone of ShKh15 steel having a 90° apex angle and a 15  $\mu$  radius of tip curvature in the dry state, in refined transformer oil (inactive medium), and in a 0.2% solution of oleic acid in transformer oil (active medium). It was established, that the presence of any lubrication leads to a decrease in hardness, which indicates the prevailing lubricating action of media in the process of scratching.

1. Metals—Mechanical properties  
2. Metals—Test methods      3. Lubrication—Metallurgical effects

M. G.

Card 1/1

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Wear resistance of UI2 steel subjected to the formation of "white" layers. Izv. vys. ucheb. zav.; fiz. no.6:35-37 '60. (MIRA 14:3)

1. Sibirskiy fiziko-tehnicheskiy institut pri Tomskom gosuniversitete imeni V. V. Kuybyshcheva.

(Steel-Metallography)

SAVITSKIY, K.V.; KOGAN, Yu.I.

Deformation of supercooled austenite of carbon steel caused by  
friction. Tren.i 1sn.mash. no.15:211-226 '62. (MIRA 154)  
(Austenite-Testing)

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Thermal softening of "white films." Izv. vys. ucheb. zav.; fiz.  
no.4:166-170 '63. (MIRA 16:9)

1. Sibirskiy fiziko-tehnicheskiy institut pri Tomskom gosudarstven-  
nom universitete imeni V.V.Kuybysheva.  
(Steel metallurgy)

SAVITSKIY, K.V.; KOGAN, Yu.I.

Nature of white layers. Fiz. met. i metalloved. 15 no.5:664-  
672 My '63. (MIRA 16:8)

1. Sibirskiy fiziko-tekhnicheskiy nauchno-issledovatel'skiy  
institut.

(Steel-Metallurgy)  
(Phase rule and equilibrium)

SAVITSKIY, K.V.; KOGAN, Yu.; KUDRINA, M.P.

Effect of white films on the durability of steel. Izv. vys. ucheb. zav. fiz. no.6:158-161 '63.  
(MIRA 17:2)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosudarstvennom universitete imeni Kuybysheva.

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Noncorrodibility of "white layers." Izv.vys.ucheb.zav.; fiz.  
no. 2:177-178 '64. (MIRA 17:6)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom  
gosudarstvennom universitete imeni Kuybysheva.

KUZNETSOV, V.D. [deceased]; SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Thermal recovery of ghost lines. Izv. vys. ucheb. zev.; chern.  
met. 7 no.8:129-134 '64. (MIRA 17:9)

1. Sibirskiy fiziko-tehnicheskiy nauchno-issledovatel'skiy  
institut.

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Causes of the inability of chilled layers to undergo etching.  
Fiz. met. i metalloved. 17 no.4:541-546 Ap '64.

(MIRA 17:8)

1. Sibirskiy fiziko-tehnicheskiy institut.

KOGAN, YU. M.

95

8/089/62/013/006/019/027  
3102/3106

AUTHORS: G. T. and M. R.

TITLE: Nauchnaya konferentsiya Moskovskogo inzhenerno-fizicheskogo  
instituta (Scientific Conference of the Moscow Engineering  
Physics Institute) 1962

PERIODICAL: Atomnaya energiya, v. 13, no. 6, 1962, 603 - 606

TEXT: The annual conference took place in May 1962 with more than 400  
delegates participating. A review is given of these lectures that are  
assumed to be of interest for the readers of Atomnaya energiya. They are  
following: A. I. Leypunskiy, future of fast reactors; A. A. Vasil'yev,  
design of accelerators for superhigh energies; I. Ya. Pomeranchuk,  
analyticity, unitarity, and asymptotic behavior of strong interactions at  
high energies; A. B. Migdal, phenomenological theory for the many-body  
problem; Yu. D. Fiveyskiy, deceleration of medium-energy antiprotons in  
matter; Yu. M. Kogan, Ya. A. Iosilevskiy, theory of the Mosebauer effect;  
M. I. Ryazanov, theory of ionization losses in nonhomogeneous medium;  
Yu. B. Ivanov, A. A. Rukhadze, h-f conductivity of subcritical plasma;

Card 1/4

BELOZERSKIY, S.S.; GUN, R.B.; BIRYUKOV, V.V.; KOGAN, Yu.S.

New flow diagrams for the automatic control of simple rectification columns. Nefteper. i neftekhim. no.5:43-45 '65. (MIRA 18:7)

1. Spetsial'noye konstruktorskoye byuro po avtomatike v neftepererabotke i neftekhimii.

ALEKSANDROV, I.A.; SHEYNMAN, V.I.; KOGAN, Yu.S.; SHVETS, Ye.M.;  
Prinimali uchastiye: VCI'SHANCK, Yu.Z.; LIZUNKOV, V.P.;  
SEREGINA, A.P.; KAZAKOVA, L.I.; MUSATOVA, Z.D.

Hydrodynamics of plates made of S-shaped elements. Khim.  
i tekhn.topl.i masel 6 no.7:38-44 Jl '61. (MIRA 14:6)

1. Giproneftemash.

(Plate towers)

SHEYNMAN, V.I.; ALEKSANDROV, I.A.; KOGAN, Yu.S.; VOL'SHONOK, Yu.Z.;  
LIZUNKOV, V.P.; SHVETS, Ye.M.

New design of a plate for rectifications columns. Khim.i tekh.  
topl.i massel 7 no.5:54-60 My '62. (MIRA 15:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut  
neftyanogo mashinostroyeniya.  
(Plate towers)

SHEYNMAN, V.A., inzh.; KOGAN, Yu.S., inzh.; ALEKSANDROV, I.A., kand.  
tekhn.nauk

Comparative hydrometric tests of plates of various designs. Khim.  
mashinostr. no.3:15-17 My-Je '63. (MIRA 16:11)

DEGTYAROVA, A.S. [Dehtiar'ova, A.S.], kand. biol. nauk; PERESIPKIN, V.F. [Peresypkin, V.F.], doktor biol. nauk; prof.; BURKATSKAYA, O.M. [Burkats'ka, O.M.], kand. med. nauk; SPINU, M.I., kand. med. nauk; KOGAN, Yu.S. [Kohan, Iu.S.], kand. med. nauk; MEYSAKHOVICH, Ya.O. [Melsakhovich, IA.O.], kand. tekhn. nauk; SANIN, V.A., kand. sel'khoz. nauk; TARANUKHA, M.D., kand. biol. nauk; ZAGOVORA, O.V. [Zahovora, O.V.], kand. sel'khoz. nauk; ARESHNIKOV, B.A. [Areshnykov, B.A.], kand. biol. nauk; SALUNSKAYA, N.I. [Saluns'ka, N.I.], kand. biol. nauk; KOLOBOVA, A.M., kand. sel'khoz. nauk; KITITSYN, IE.M. [Kitytsyn, IE.M.], kand. sel'khoz. nauk; TELENGA, M.A. [Telenha, M.A.], doktor biol. nauk, prof.; POPOVA, O.O., kand. sel'khoz. nauk; MISKO, L.A.; ZRASHEVSKIY, A.I. [Zrashevs'kyi, A.I.], kand. sel'khoz. nauk; DYADECHKO, M.P., kand. sel'khoz. nauk; LOPATIN, V.M., kand. biol. nauk; MARKHASEVA, V.A. [Markhas'ova, V.A.], kand. sel'khoz. nauk; FEDOTOVA, K.M., kand. sel'khoz. nauk; TSELLE, M.O., kand. biol. nauk; VASIL'YEV, V.P. [Vasil'iev, V.P.], doktor biol. nauk, prof.; SHISHKOVA, M.I. [Shyshkova, M.I.], kand. sel'khoz. nauk; MARICHEK, Yu.Y. [Marychek, IU.I.], kand. sel'khoz. nauk; SHTERENBERG, P.M. [Shterenber, P.M.], kand. sel'khoz. nauk; DMITRIYEV, Yu.V., kand. biol. nauk; LOZINSKIY, V.A. [Lozyns'kyi, V.A.], kand. biol. nauk; BRATUS', V.M., kand. sel'khoz. nauk; SOKUR, I.T., doktor biol. nauk; BOLOTIN, K.M.; SAVCHENKO, IE.M., red.; NEMCHENKO, I.IU., tekhn. red.

(Continued on next card)

FEYGIN, S.A.; BASOV, A.N.; KOSTYUKOVSKAIA, S.B.; MELIK-AKHNAZAROV, T.Kh.;  
KLEVLEYEV, M.A.; KOGAN, Yu.S.

Economic evaluation of the efficiency of alternatives for remodeling  
existing catalytic cracking units. Nefteper. i neftekhim. no.10:  
11-14 '64. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva.

KOGAN, Yu. Ya.

"Stabilization Process of Controllable Automobile Wheels." Thesis for degree of Cand. Technical Sci. Sub 23 Sep 49, Moscow Automotive Mechanics Inst.

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernaya Moskva, Jan-Dec 1949.

KOGAN, Z.

Second plenary session of the Central Administration of the  
Scientific Technological Society of the Oil and Gas Industry.  
Neft. khoz. 42 no.6:66-67 Je '64. (MIRA 17:8)

KOGAN, Z.

Third Conference of the Scientific and Technical Society of the Oil  
and Gas Industry. Neft. khoz. 42 no.2:71-72 F '64. (MIRA 17:3)

KOGAN, Z.

In the Scientific and Technical Society of the Petroleum and Gas  
Industry. Gaz, prom. no. 5:55 '63. (MIRA 16:6)  
(Petroleum industry--Congresses) (Gas industry--Congresses)

KOGAN, Zinoviy Abramovich; PRESLER, K.Kh., red.; FREGER, D.P., red.  
izd-va; BELOGUROVA, I.A., tekhn. red.

[Preservation and packaging of industrial equipment for  
regions with tropical climate; lecture transcription]Kon-  
servatsiya i upakovka promyshlennogo oborudovaniia dlia  
raionov s tropicheskim klimatovm; stenogramma lektsii. Le-  
ningrad, 1962. 54 p. (MIRA 15:8)

(Industrial equipment—Packing)

KOGAN, Z.A.

Fourth Plenum of the Central Administration of the  
Scientific and Technical Society of the Petroleum and  
Gas Industry. Khim. i tekhn. topl. i masel 10 no.11:62.  
N '65.

(MIRA 19±1)

KOGAN, Z. B.

AID P - 1530

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 26/36

Author : Kogan, Z. B., Eng.

Title : Adjusting disc packing of a hydrogen cooled steam turbine.

Periodical : Elek. sta., 3, 54-56, Mr 1955

Abstract : The author describes the adjustments made at one of the power stations of the Lenenergo power system on a turbogenerator of the TB-25-2 type, produced by the factory "Elektrosila". Two drawings, 1 diagram

Institution: None

Submitted : No date

KOGAN, Z. B., inshener; FINK, L. Ye., inshener.

Combination screw conveyor vacuum press SM-446. Stroi. i dor.mashi-  
nostr. i no. 3:16-18 Mr '56.  
(Ceramics) (Power presses)

KOGAN, Z.B., inshener.

New vacuum press for making porcelain insulation products. Stroi.  
i machinestr. no. 2:12-13 F '57. (MLRA 10:3)  
(Insulating materials) (Power presses)

LIPKIND, G.I.; IVAKHEKO, P.V.; KOGAN, Z.B.

Mechanization in the sector of veneering pencils. Der.prom. 6 no.1:  
21-22 Ja '57.  
(MLRA 10:2)

1. Panernyy zavod "Turniery."  
(Pencils)

KOGAN, Z.B., insh.

The SM-294 press used for shaping earthenware. Stroili dor.mashinostr.  
2 no.9:22-23 S '57. (MIRA 10:15)  
(Power presses) (Clay industries)

KOGAN, Z.B., inzhener.

Preparing to produce superpower turbogenerators. Energetik 5  
no.8:1-2 Ag '57. (MIRA 10:10)  
(Turbogenerators)

*Agout, G. D.*

KOGAN, Z.B., inzh.; TITOV, V.V., kand.tekhn.nauk

Turbogenerators with forced oxygen cooling. Elek.sta. 28 no.10:48-50  
'57. (MIRA 10:11)  
(Turbogenerators)

ROGOVOY, M. I.; GEL'TMAN, A. Z.; KOGAN, Z. B.; RAKHIMILEVICH, Ye. A.;  
SILENOK, S. G., inzh., retsenzenty BULATOV, S. I., red.  
izd-va; UVAROVA, A. F., tekhn. red.; TIMOFEEVA, N. V.,  
tekhn. red.

[Equipment for the overall mechanization of the manufacture  
of wall ceramics] Oborudovanie dlia kompleksnoi mekhaniza-  
tsii proizvodstva stenovoi keramiki. Moskva, Izd-vo  
"Mashinostroenie," 1964. 203 p. (MIRA 17:4)

KOGAN, Z.M.

Variability of the oocysts of the chick coccidium *Elmeria necatrix*  
and factors determining it. Zool. zhur. 44 no.7:986-996 '65.

(MIRA 18:9)

1. Belorusskaya sel'skokhozyaystvennaya akademiya, Gorki Belorus-  
skiye.

~~KOGAN, Z. M.~~

Influence of the soil layer on oocyst sporulation in the coccidia  
of chicks [with English summary in insert]. Zool. zhur. 35 no.10:1454-  
1458 0 '56. (MLRA 10:1)

1. Kafedra Ecologii Belorusskoy Sel'skokhozyaystvennoy akademii.  
(Coccidiosis) (Poultry--Diseases and pests)

KOGAN, Z. M.

Viability of oocysts of chick coccidia following repeated hibernation under natural conditions in White Russia. Zool. zhur. 39 no.4: 617-618 Ap '60. (MIRA 13:11)

1. Zoological Department of the Byelorussian Agricultural Academy,  
Gorki Byelorusskiye.  
(White Russia--Coccidia)

KOGAN, Z.M.

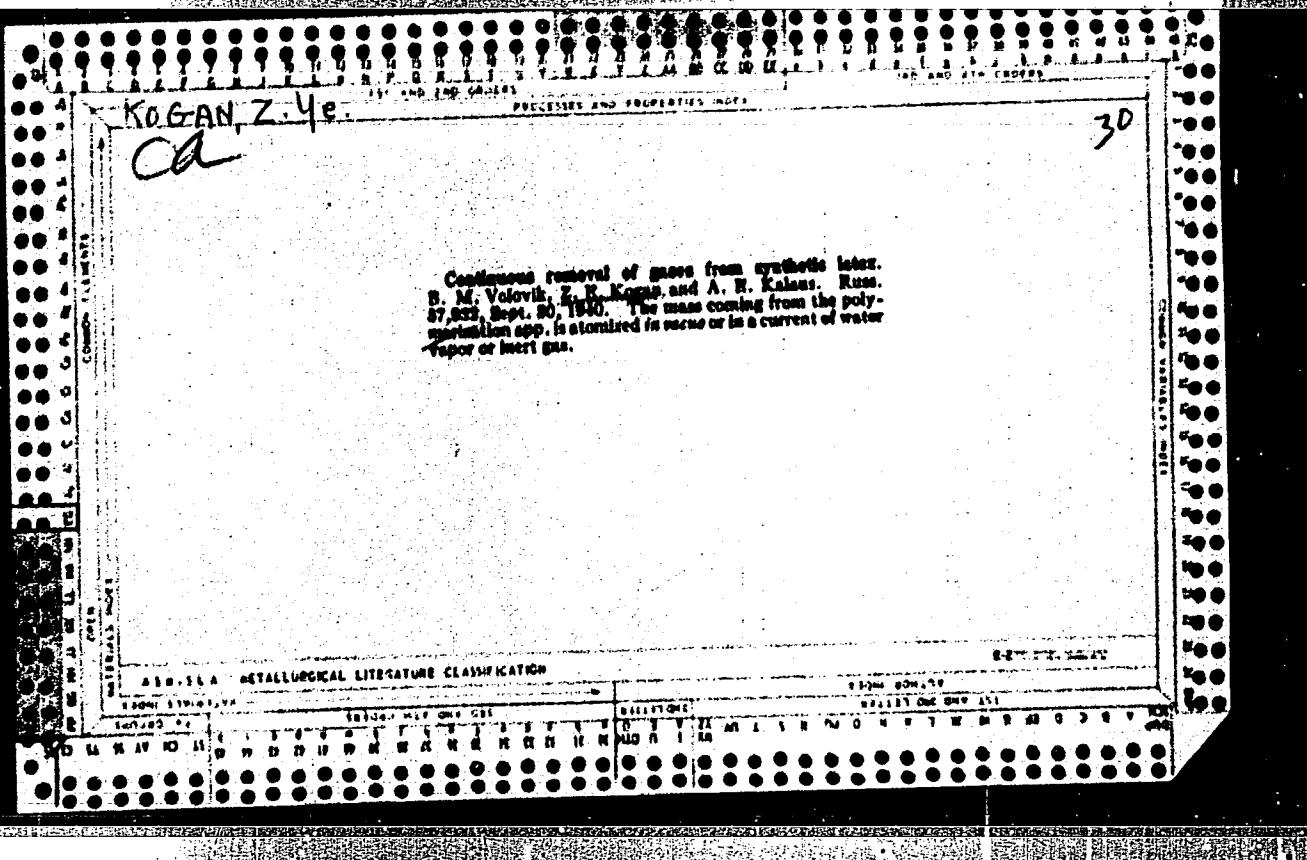
Effect of sulfonamides administered to chicks on the sporulation capacity of oocysts of the chicken coccidia *Eimeria necatrix*,  
Zool. zhur. 39 no.7:978-983 Jl '60. (MIHA 13:7)

1. Department of Zoology, Bielorussian Agricultural Academy, town  
of Gorki, Mogilev region.  
(Coccidiosis)  
(Poultry--Diseases and pests)  
(Sulfonamides)

KOGAN, Z.M.

Variability of the form of the oocysts of chicken Coccidia  
and its biological significance. Zool. zhur. 41 no.9:  
1317-1326 S '62. (MIRA 15:11)

1. Chair of zoology, Bialorussian Agricultural Academy,  
Gorki Bielorusakiye.  
(Coccidium) (Parasites—Poultry)



Kogan, L.Ye.

POMGOROVSKIY, A.D.; KOGAN, Z.Ye., inzhener, retezents; KOLLI, A.Ya., inzhener,  
redaktor; POPOVA, S.M., tekhnicheskij redaktor

[Reading devices in coordinate boring machine tools; construction,  
adjusting, and repair] Otschetnye mekhanismy koordinatno-rastochnykh  
stankov; tekhnologija, nastroika i remont. Moskva, Gos.nauchno-tekhn.  
izd-vo mashinostroitel'noj lit-ry, 1955. 127p. (MIRA 9:3)  
(Machine tools)

KOGAN-ABEZGUZ, R.M.

Culture of viruses and serologic diagnosis of trachoma. Vest. oft. 34 no.2:7-11 Mr-Apr '55. (MIRA 8:7)

1. Iz glaznoy kliniki (dir. deystv. chlen AMN SSSR prof. V.V. Chirkovskiy) I Leningradskogo meditsinskogo instituta i otdela virusologii (zav. chlen-korrespondent AMN SSSR prof. A.A. Smorodintsev) Instituta eksperimental'noy meditsiny.

(TRACHOMA, diagnosis, serol.)

(TRACHOMA, virus, culture)

(VIRUSES,

trachoma, culture)

(SERODIAGNOSIS, in various diseases, trachoma)

KOGAN-ABEZGUZ, R.M.

Present-day views on the causative organisms of trachoma. Vop. klin.  
i eksp. oft. no. 2:139-151 '59. (MIRA 14:11)  
(CONJUNCTIVITIS, GRANULAR)

KOGAN-BIELETSKIY, G.

AID P - 1557

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 10/18

Author : Kogan-Bieletskiy, G., Guards Engineer Lt. Col., Kand. of Tech. Sci.

Title : Determination of cloud limits from aircraft

Periodical : Vest. vozd. flota, 2, 53-57, F 1955

Abstract : The author stresses the advantages of cloud observations from aircraft, discusses various methods of observation and indicates errors. He gives a few examples.  
Photo, diagram

Institution: None

Submitted : No date

KOGAN-HELETSKIY, G.I., kandidat tekhnicheskikh nauk gvardii inzhener-podpolkovnika

About an important inaccuracy in standard atmosphere. Vest.Vestn.M. 39 no.9:96 8 '56. (MIRA 10:1)  
(Atmosphere) (Navigation (Aeronautics))

KOGAN- BELETSKIY, G.

Selection of a safe flight altitude. Grazhd,av 13 no.10:14-15 0 '56.  
(Airplanes--Piloting) (MIRA 10:1)

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CIA-RDP86-00513R000723620006-5

KOGAN-BELIKTSKIY, G.I., kandidat tekhnicheskikh nauk (Leningrad).

Nature of ball lightning. Priroda 46 no.6:71-73 Je '57.  
(MLRA 10:7)  
(Lightning)

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CIA-RDP86-00513R000723620006-5"